

ARS

Instructions and Itinerary for Geologic Field Trip  
for High School Science Teachers  
Pontiac, Illinois, May 23, 1936

Sponsored by State Geological Survey  
M. M. Leighton, Chief  
Directed by Don L. Carroll  
Leader: George E. Ekblaw

General Instructions:

1. Please be prepared to leave promptly at 9:00 a.m.
2. Cars will assemble on north side of Indiana Avenue (south side of High School), headed west; the lead car will be at the north-east corner of the intersection of Indiana Avenue and North Main Street.
3. Participants will provide themselves with lunches before starting.
4. At scheduled stops, please assemble promptly near leader to give attention to his discussion before scattering for individual examination of points of interest; also be prompt to reembark in cars upon signal.

Instructions for car drivers:

To expedite the trip and for safety, please

1. Identify your car by pasting one of the provided stickers on the rear window.
2. Get your car in line before the trip starts.
3. Follow carefully and keep as close to the car ahead as possible, with due regard to safety.
4. Keep all gaps in the caravan closed, especially while traveling through the city, in order to prevent other cars from inserting themselves in the caravan or crossing the caravan at intersections.
5. Do not lag and thus delay the caravan.
6. Watch the car ahead for signals.
7. Watch the car behind for signals.
8. If accident befall your car, signal those ahead.
9. Keep your place in the caravan so far as possible.
10. Do not attempt to pass ahead of any in the caravan unless they drop out of line.
11. At stops, do not attempt to gain an advanced position in the caravan.
12. Any car that once drops out of line shall take up the rear when rejoining the caravan.
13. When parking in line at stops, draw close to the car ahead; when parking parallel, do not leave unnecessary space between cars.
14. It is desirable that in each car one passenger, preferably sitting beside the driver, keep the driver informed with regard to stops, turns, etc., in accordance with the attached itinerary.

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## Itinerary

- 0.0 Northeast corner of Indiana Avenue and Main Street. Turn right (north) on Main Street.
- 0.1 Bear left, across railroad tracks.
- 0.2 Bear right.
- 0.3 Bear right. U. S. Highway No. 66. Railroad crossing. Note level topography.
- 1.7 Note gentle step-like rise, the first of several in succession between here and Stop 1.
- 4.4 Cayuga. Note narrow valley just north of town.
- 6.3 Stop 1. Outer Marseilles moraine and temporary glacial lake beds on either side.
- 7.5 Old glacial lake bed.
- 9.7 Odell. Turn right (east).
- 9.8 Caution - railroad crossing.
- 10.2 Turn right (south).
- 10.4 Jog right and left.
- 10.5 Stop 2. Abandoned clay pit, exposing laminated clays in top of high mound.
- 10.8 Cross-roads - straight ahead.
- 11.1 Turn left (southeast). Note old lake bottom with flat-topped hillocks.
- 12.8 "Six-points" - bear left (due east). Outer margin of Inner Marseilles moraine.
- 15.7 Loretto.
- 16.7 State Highway No. 47 - turn right (south).
- 17.5 Stop 3. Glacial till. Note typical undulatory topography.
- 21.0 Margin of old glacial lake - note flatness.
- 21.5 Stop 4. Lake bottom silt and clay.
- 22.7 State Highway No. 116 - straight ahead. Inner slope of outer Marseilles moraine.
- 25.5 Crest of outer Marseilles moraine.
- 26.6 Stop 5. Flat-bottomed valley - former outlet of overflow of Kankakee Torrent.
- 27.7 Inner slope of Chatsworth moraine - note step-like rises and general undulatory topography.
- 31.0 Crest of Chatsworth moraine.
- 32.0 Forrest - on outwash plain.
- 32.5 U. S. Highway No. 24. Turn right (west).
- 37.0 Gravel pit on right (north) side, in glacial outwash.
- 37.4 Fairbury.
- 37.7 Seventh Street - turn right (north).
- 37.9 Caution - railroad crossing.
- 38.1 Hickory Street - turn left (west).
- 38.6 First Street - turn right (north).
- 42.8 Cross-roads - turn left (west).
- 42.9 Turn right.
- 43.1 Stop 6. Churchill gravel pit. Note general even bedding and small size of gravel.
- 43.3 Leave gravel pit - turn right (west).
- 44.8 T-road - turn right (north).
- 44.9 Turn left (west).



- 46.3 Caution - railroad crossing.  
46.9 Cross-roads - turn right (north).  
47.2 Caution - bad dips at bridge.  
47.9 Cross-roads (McDowell) - turn left (west).  
48.0 Old limestone quarry on left (south) side.  
48.2 Turn right (north) on T-road at schoolhouse.  
48.6 Lane to farmhouse on left (west) side - turn about. Stop 7.  
Wagner gravel pit in group of kanes. Note erratic bedding  
and irregular assortment of gravel.  
49.0 T-road - turn right (west).  
50.7 Cross-roads - turn right (north).  
53.2 Pontiac - Torrance Avenue - turn left (west).  
53.4 Locust Street - turn right (north).  
54.0 Jog right and left.  
54.1 Entrance to Play Park. Follow drive.  
54.4 Stop 8. Lunch.  
54.6 Leave park - turn right (west) on Grove Street.  
55.1 Vermilion Avenue - turn right (north).  
55.4 Turn left, across railroad tracks. Caution.  
55.5 U. S. Highway No. 66 - turn right (north).  
55.9 State Highway No. 23 - turn left (west).  
56.0 Bear left, off highway, on gravel road.  
56.1 Caution - railroad crossing.  
57.0 Bear left at Y-road.  
57.2 Private road on left (south) side - turn about.  
57.4 Stop 9. Exposure of shaly, nodular limestone - Lonsdale  
formation of Pennsylvania system along and in bed of  
Vermilion River.  
58.4 Caution - railroad crossing.  
58.5 Turn left (north).  
58.6 State Highway No. 23 - bear left.  
58.9 Turn left (west) on gravel road.  
59.5 Stop 10. Babcock quarry in Pontiac limestone of Pennsylvanian  
system. Retrace route.  
60.0 State Highway No. 23 - turn left (north).  
61.0 Stop 11. Murray quarry in Pontiac limestone of Pennsylvanian  
system.



